



REGISTRATION: [nocpixonusa.com/register](http://nocpixonusa.com/register)  
WARRANTY: [nocpixonusa.com/warranty](http://nocpixonusa.com/warranty)  
SUPPORT/SERVICE: [nocpixonusa.com/support](http://nocpixonusa.com/support)

# VISTA

## RANGEFINDING MONOCULAR

The VISTA handheld thermal monocular features an advanced 50 mm f/0.9 germanium objective lens, offering exceptional clarity and detail. Equipped with a high-resolution 640x512 thermal sensor and an impressive  $\leq 15$  mK NETD sensitivity rating, the lightweight and ergonomic monocular delivers crystal-clear images with remarkable detail and contrast, making it perfect for wildlife observation, and security applications. The lens-integrated laser rangefinder enhances its functionality, boasting a maximum detection range of 1,200 yards with a remarkable sensitivity of  $\pm 1$  yard. Its ergonomic design ensures comfortable handling, while the intuitive interface allows for seamless operation. Perfect for long-range observation, the VISTA includes electronic image stabilization for a smooth, sharp image on the 2560x2560 round AMOLED display. Whether you're scanning for coyotes or conducting night-time surveillance, this is your go-to tool for unparalleled thermal imaging performance.



The 1,200 yard capable laser rangefinder on the VISTA is integrated directly into the 50 mm germanium objective lens. In addition to streamlining the body design and reducing bulk, this allows for improved horizontal alignment of the infrared laser with the viewing system.

 INVISIBLE LASER RADIATION  
AVOID DIRECT EYE EXPOSURE 900nm <700nj 42nsec 10khz  
CLASS 3R LASER PRODUCT

**Manual Focus 50 mm f/0.9 Lens**

The large diameter germanium lens provides a sharp image and 4x base magnification.

**In-line Button Design**

Easy to use, even with gloves.

**2560x2560 Round AMOLED Display**

Provides increased clarity and detail.

**New IBP-7 Battery**

Provides 4+ hours of run time in the field. Spare battery also included.

**VISTA H50R**



Battery charges directly via USB-C

**Lens-integrated Laser Rangefinder**

Provides real-time range data (single-firing or continuous) on the display.

**64 GB Internal Storage**

For photo and video recording.



**VISTA**

**H50R**

SENSOR	
Resolution	640x512
Pixel Size	12 μm
Frame Rate	50hz
Sensor Sensitivity	≤15 mK
Image Processing	Realty+
Core	Nocpix 640

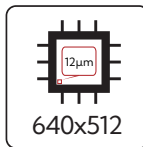
OPTICS	
Objective Lens	50 mm f/0.9
Magnification	4x
Digital Zoom	8x
Field of View	8.8° x 6.6°
Detection Range	2400 Yards
Display Type	1.03-inch Large-format AMOLED
Display Resolution	2560x2560
Color Palettes	White Hot, Black Hot, Red Hot, Color, Crimson, Viridian, Violet
P.I.P	Yes
Rangefinder	Integrated 1,200 yd LRF
Eye Relief	25 mm
Diopter Range	-4 to +6

ELECTRONICS	
Onboard Recording	Video and Image
Onboard Storage	64 GB
Wireless Connectivity	Video and Image via App
Data/Power Connector	USB-C
Power Supply	USB-C External, IBP-7 Li-ion Batteries x2 (5+ Hours Each)
Start Up Time	<10 Seconds, Instant from Standby

PHYSICAL	
Size	7.83" x 2.72" x 3.23"
Weight	22.93 Oz

ENVIRONMENTAL/WARRANTY	
Warranty	5 Years
Housing Material	Polymer
Ingress Protection	IP67
Operation Temperature	-4°F~122°F

- Lens-integrated laser rangefinder can fire on command or continuously when scanning.
- One-of-a-kind circular ultra-high resolution 1.03-inch 2560x2560 AMOLED display.
- Onboard photo, video, and audio recording.
- Large, ergonomic objective focus dial for precise control.
- New Nocpix IBP-7 removable battery pack with direct USB-C charging.
- 1/4-20 thread socket for quick-plate or tripod mounting.
- Included soft case with cross-body strap for comfortable carry.



Sensor Resolution



Vision + System



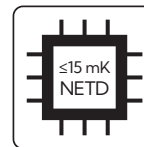
Lens-integrated LRF



Water Resistance



Fast f/0.9 Lens



≤15 mK NETD Sensor



Image Stabilization



To learn more about this product scan the QR code or visit [nocpixusa.com/vista](http://nocpixusa.com/vista)

NOTE: These products may be subject to export and foreign trade control laws of the United States and may not be exported without prior approval of the U.S. Department of State. Learn more at [irayusa.com/ITAR](http://irayusa.com/ITAR). The thermal images shown are for illustrative purposes only and may vary in real world usage. Specifications are subject to change without notice. For the most up-to-date specs, go to [irayusa.com](http://irayusa.com). Not responsible for typographical errors. Ver 1.00 - 202409